## **EAST Search History**

## EAST Search History (Prior Art)

| Ref #      | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|---|--|---------------------|---------|---------------------|
| S1         | 1    | 10/563409   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2010/04/28<br>10:01 |
| \$2        | 2612 | updat\$3 near10 memory<br>near10 position   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2010/04/28<br>10:01 |
| 83         | 1352 | updat\$3 near5 memory<br>near5 position   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2010/04/28<br>10:01 |
| <b>S</b> 4 | 3    | updat\$3 near5 memory<br>near5 position same updat<br>\$3 near5 (division partial<br>\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2010/04/28<br>10:01 |
| <b>S</b> 5 | 24   | lupdat\$3 near5 memory<br>near5 position same<br>(division partial\$3)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2010/04/28<br>10:01 |
| S6         | 18   | project\$3 near5 dimension<br>\$3 same distance near5<br>record                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR                  | ON      | 2010/04/28<br>10:01 |
| S7         | 1087 | project\$3 near5 dimension<br>\$3 near5 (smaller lesser)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM TDB | OR                  | ON      | 2010/04/28<br>10:01 |

| S8  | 3    | project\$3 near5 dimension<br>\$3 near5 (smaller lesser)<br>same coordinat\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|-----|------|---|--|----|----|---------------------|
| S9  | 8    | semeion.asn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S10 | 17   | (BUSCEMA near paolo).inv.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S11 | 2    | S10 and project\$3 same<br>dimension  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S12 | 1987 | (convert\$3 conversion<br>project\$3) same (3-<br>dimension\$3 3-d 3d) same<br>(2-dimension\$3 2-d 2d)<br>same coordinat\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S13 | 618  | (convert\$3 conversion<br>project\$\$) near10 coordinat<br>\$3 same (3-dimension\$3 3-<br>d 3d) same (2-dimension\$3<br>2-d 2d) and<br>(@ad<"20030701"<br>@lad<"20030701"<br>@pd<"20030701")              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S14 | 446  | (convert\$3 conversion<br>project\$3) near10 coordinat<br>\$3 same (3-dimension\$3 3-<br>d 3d) same (2-dimension\$3<br>2-d 2d) and distance and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |

| <b>S</b> 15 | 66 | (convert\$3 conversion<br>project\$3) near10 coordinat<br>\$3 same (3-dimension\$3 3-<br>d 3d) same (2-dimension\$3<br>2-d 2d) same distance and<br>(@ad<"20030701"<br>@pd<"20030701"                                    | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|-------------|----|--|--|----|----|---------------------|
| S16         | 69 | (convert\$3 conversion project\$3) near10 coordinat \$3 same (2-dimension\$3 3-d 3d) same (2-dimension\$3 2-d 2d) and (shortest minimal minimiz\$3) near10 distance and (@ad<"20030701" @pde<"20030701" @pde<"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S17         | 21 | (convert\$3 conversion project\$3) near10 coordinat \$3 same (3-dimension\$3 3-d 3d) same (2-dimension\$3 2-d 2d) and (distance near5 matrix) and (@ad<"20030701" @pd<"20030701" @pd<"20030701"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S18         | 2  | (convert\$3 conversion project\$3) near10 (3-dimension\$3 3-d 3d) same (2-dimension\$3 3-d 2d) same (distance near5 matrix) and (@ad<"20030701" @rlad<"20030701" @pd<"20030701")   | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S19         | 10 | (convert\$3 conversion project\$3) near10 (3-dimension\$3 3-d 3d) same (2-dimension\$3 2-d 2d) and (distance near5 matrix) same coordinat\$3 and (@ad<"20030701" @rlad<"20030701" @pd<"20030701"                         | US-PCPUB;<br>USPAT;<br>USOCR;<br>FFRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S20         | 50 | (convert\$3 conversion project\$3) same (3-dimension\$3 3-d 3d) adj (2-dimension\$3 2-d 2d) same coordinat\$\$ and (@ad<"20030701" @hd<"20030701" @pd<"20030701")  | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |

| S21 | 62  | (map\$4 project\$3) same (3-<br>dimension\$3 3-d 3d) adj (2-<br>dimension\$3 2-d 2d) same<br>coordinat\$3 and<br>(@ad<"20030701"<br>@pd<"20030701"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|-----|-----|--|--|----|----|---------------------|
| S22 | 53  | (map\$4 project\$3) same (3-<br>dimension\$3 3-d 3d) adj (2-<br>dimension\$3 2-d 2d) same<br>coordinat\$3 and distance<br>and (@ad<"20030701"<br>@rlad<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S23 | 329 | (self adj organiz\$5) and<br>(distance matrix) and<br>(dimension\$5 near5 reduc<br>\$4) and (@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S24 | 184 | (self adj organiz\$5) and (distance matrix) and (dimension\$5 near5 reduc \$4) and coordinat\$3 and (@ad<"20030701" @plad<"20030701" @pdc"20030701"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S25 | 38  | (cube olap) and (self adj<br>organiz\$5) and (distance<br>matrix) and (dimension\$5<br>near5 reduc\$4) and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S26 | 50  | ((data adj cube) olap) same<br>((three "3") near5<br>dimension\$5) same ((two<br>"2") near5 dimension\$5)<br>same (project\\$3 map\\$4<br>convert\\$3 conversion reduc<br>\\$4) and (@ad< "20030701"<br>@pd<"20030701" | US-PGPUB;<br>USPAT;<br>USCOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S27 | 3   | gend near5 algorithm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |

| S28  | 5  | genetic near5 doping near5<br>algorithm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|------|----|--|--|----|----|---------------------|
| S29  | 5  | (dimension\$5 near5 reduc<br>\$4) same geographic\$2<br>near5 (location site<br>database (data adj base))<br>and coordinate and<br>(@ad<"20030701"<br>@pd<"20030701"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S30  | 42 | (project\$3 map\$4 convert<br>\$3 conversion) same (three<br>ad) dimension\$5) same<br>(two adj dimension\$5)<br>same geographic\$2 near5<br>(location site database<br>(data adj base)) and<br>coordinate and<br>(@ad<"20030701"<br>@pd<"20030701"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| \$31 | 10 | (project\$3 convert\$3 conversion) same (three adj dimension\$5) same (two adj dimension\$5) same (two adj dimension\$5) same geographic\$2 near5 (location site database (data adj base)) and coordinate and (@ad<"20030701" @pld<"20030701" @pdd<"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S32  | 99 | (project\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and geographic\$2 near5 (location site database (data adj base)) and coordinate and (@ad<"20030701" @rlad<"20030701" @pd<"20030701")                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |

| S33         | 10  | (project\$3 convert\$3 convertson translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and geographics\$2 near5 (location site database (data adj base)) same coordinate and (@ad<"20030701" @iad<"20030701") @iad<"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:01 |
|-------------|-----|--|---|----|----|---------------------|
| S34         | 120 | (project\$3 convert\$3 converts on translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and (molecule atlor) particle) same coordinate and (@ad-"20030701" @rlad-"20030701"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:01 |
| \$35        | 8   | (project\$3 convert\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) same (molecule atom) same coordinate and (@ad="20030701" @rlad="20030701" @pd<"20030701")                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:01 |
| S36         | 82  | (project\$3 convert\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and (molecule atom) same coordinate and (@ad="20030701" @nlad="20030701" @pd<"20030701")                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:01 |
| <b>S</b> 37 | 16  | (project\$3 convert\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) same coordinate and (molecule atom) same coordinate and (@adc-"20030701" @pd<"20030701" @pd<"20030701"                       | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |

| S38  | 66 | S36 not S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|------|----|---|--|----|----|---------------------|
| S39  | 64 | (project\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) same (molecule atom) and coordinate and (@ad<"20030701" @rtad<"20030701" @pd<"20030701")         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S40  | 56 | S39 not S37   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S41  | 5  | (project\$3 convert\$3 conversion translat\$3) near5 molecule same (three adj dimension\$5) same (two adj dimension\$5) and distance same coordinate and (@ad<"20030701" @ylad<"20030701" @pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| \$42 | 8  | (project\$3 convert\$3 conversion translat\$3) near5 molecule same dimension\$5 and neural near5 network and coordinate and (@ad<"20030701" @pd<"20030701" @pd<"20030701")                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S43  | 18 | alzheimer and pathological<br>near5 status and probability<br>near5 disease and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |

| S44 | 18  | dimension\$5 same (map\$4 project\$3 convert\$3 convert\$3 convert\$3 convert\$1 and pathological and probability near5 disease and (@ad-"20030701" @rlad-"20030701" @pd<"20030701" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|-----|-----|---|--|----|----|---------------------|
| S45 | 10  | dimension\$5 with (map\$4 project\$3 convert\$3 conversion) and alzheimer and pathological and probability near5 disease and (@ad<"20030701" @rdad<"20030701" @pd<"20030701")       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S46 | 8   | S44 not S45   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S47 | 12  | dimension\$5 same (map\$4 project\$3 convert\$3 convert\$3 conversion) and probability same alzheimer and pathological and (@ad<"20030701" @rlad<"20030701" @pd<"20030701"          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S48 | 634 | dimension\$5 with (map\$4 project\$3 convert\$3 convertsand (madad="20030701" @rlad="20030701" @pd="20030701")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S49 | 296 | dimension\$5 with (map\$4 project\$3 convert\$3 convert\$3 conversion) same (three adj dimension\$5) and alzheimer and (@ad<*20030701* @pd<*20030701* @pd<*20030701*)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28          |

| S50         | 71  | dimension\$5 with (map\$4 project\$3 convert\$3 convert\$0) same (three adj dimension\$5) same two adj dimension\$5 and alzheimer and (@ad<"20030701" @rlad<"20030701" @pd<"20030701")                                     | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|-------------|-----|--|--|----|----|---------------------|
| S51         | 44  | dimension\$5 with (map\$4 project\$3 convert\$3 convert\$3 convert\$3 convert\$5 ame (three adj dimension\$5) same two adj dimension\$5 and alzheimer and pathological and (@ad<"20030701" @rlad<"20030701" @pd< 20030701" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S52         | 6   | dimension\$5 with (project<br>\$3) same (three adj<br>dimension\$5) same two adj<br>dimension\$5 and alzheimer<br>and (@ad<"20030701"<br>@rlad<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S53         | 778 | (project\$3 transform\$3<br>translat\$3) near5 less\$2<br>near5 dimension\$2 and<br>(@ad<"20030701"<br>@pd<"20030701"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S54         | 1   | (project\$3 transform\$3<br>translat\$3 reduc\$3) near5<br>less\$2 near5 dimension\$2<br>same "n-1" and<br>(@ad<"20030701"<br>@pd<"20030701"<br>@pd<"20030701")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| <b>S</b> 55 | 227 | (project\$3 transform\$3<br>translat\$3 reduc\$3) near5<br>dimension\$2 same "n-1"<br>and (@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S56         | 9   | \$55 and "707".clas.   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28          |

| S57 | 1   | (project\$3 transform\$3<br>translat\$3 reduc\$3) near5<br>dimension\$2 near5 "n-1"<br>same (display\$3 output\$4)<br>near5 "n-1" and<br>(@ad< "20030701"<br>@rlad< "20030701"<br>@pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28          |
|-----|-----|---|--|----|----|---------------------|
| S58 | 37  | (display\$3 output\$4) near5<br>"n-1" near5 dimension\$4<br>and (@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S59 | 218 | S55 not S56   | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S60 | 49  | (project\$3 transform\$3 translat\$3 reduc\$3) near5 dimension\$2 same "n-1" and (database (data adj base)) and (@ad<'20030701" @pd<'20030701" @pd<'20030701")                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S61 | 2   | marriage same mutation<br>same internal near5<br>variable   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S62 | 5   | genetic near5 doping near5<br>algorithm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S63 | 3   | S55 and evolution\$3 same<br>algorithm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S64 | 134 | (data record) near5<br>projection and evolution\$3<br>same algorithm  | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |

| S65 | 80    | (data record) near5<br>projection and evolution\$3<br>same algorithm and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
|-----|-------|--|--|----|----|---------------------|
| S66 | 12    | S65 and "n-1"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S67 | 20    | (n-1) near5 dimension and<br>evolution\$3 same algorithm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S68 | 760   | self near2 organiz\$5 near2<br>map\$4 same algorithm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S69 | 106   | S68 and "706".clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S70 | 1     | "5,581,259".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:01 |
| S71 | 17459 | 707/104.1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:06 |
| S72 | 1     | S16 and S71  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM TDB | OR | ON | 2010/04/28<br>10:07 |

| S73 | 3   | S64 and S71    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:07 |
|-----|-----|----------------|--|----|----|---------------------|
| S74 | O   | S34 and S71    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:07 |
| S75 | 4   | S55 and S71    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:07 |
| S76 | 9   | S2 and S71     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:07 |
| S77 | 1   | S7 and S71     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:07 |
| S78 | 909 | 707/798 706/13 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:15 |
| S79 | 0   | S16 and S78    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:15 |
| S80 | 0   | S34 and S78    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM TDB | OR | ON | 2010/04/28<br>10:15 |

| S81 | 2 | S64 and S78 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:15 |
|-----|---|-------------|--|----|----|---------------------|
| S82 | 0 | S55 and S78 | US PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:15 |
| S83 | 0 | S7 and S78  | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:15 |
| S84 | 0 | S3 and S78  | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:15 |
| S85 | 0 | S13 and S78 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28          |
| S86 | 0 | S48 and S78 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:16 |
| S87 | 4 | S68 and S78 | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:16 |
| S88 | 1 | 10/563409   | US PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM TDB | OR | ON | 2010/04/28<br>10:24 |

| S89 | 2612 | updat\$3 near10 memory<br>near10 position   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|-----|------|---|--|----|----|---------------------|
| S90 | 1352 | updat\$3 near5 memory<br>near5 position   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S91 | 3    | updat\$3 near5 memory<br>near5 position same updat<br>\$3 near5 (division partial<br>\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S92 | 24   | updat\$3 near5 memory<br>near5 position same<br>(division partial\$3)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S93 | 18   | project\$3 near5 dimension<br>\$3 same distance near5<br>record                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| 394 | 1087 | project\$3 near5 dimension<br>\$3 near5 (smaller lesser)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S95 | 13   | project\$3 near5 dimension<br>\$3 near5 (smaller lesser)<br>same coordinat\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S96 | 8    | semeion.asn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S97  | 17   | (BUSCEMA near paolo).inv.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
|------|------|---|---|----|----|---------------------|
| S98  | 2    | \$97 and project\$3 same<br>dimension   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
| S99  | 1987 | (convert\$3 conversion<br>project\$3) same (3-<br>dimension\$3 3-d 3d) same<br>(2-dimension\$3 2-d 2d)<br>same coordinat\$3   | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
| S100 | 618  | (convert\$3 conversion<br>project\$3) near10 coordinat<br>\$3 same (3-dimension\$3 3-<br>d 3d) same (2-dimension\$3<br>2-d 2d) and<br>(@ad<*20030701"<br>@ilad<*20030701"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
| S101 | 446  | (convert\$3 conversion<br>project\$3) near10 coordinat<br>\$3 same (3-dimension\$3 3-<br>d 3d) same (2-dimension\$3<br>2-d 2d) and distance and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
| S102 | 66   | (convert\$3 conversion<br>project\$3) near10 coordinat<br>\$3 same (3-dimension\$3 3-<br>d 3d) same (2-dimension\$3<br>2-d 2d) same distance and<br>(@ad<*20030701"<br>@pd<*20030701"                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
| S103 | 69   | (convert\$3 conversion project\$3) near10 coordinat \$3 same (3-dimension\$3 3-d 3d) same (2-dimension\$3 2-d 2d) and (shortest minimal minimiz\$3) near10 distance and (@ad<"20030701" (@had<"20030701" (@pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S104 | 21 | (convert\$3 conversion project\$3) near10 coordinat \$3 same (3-dimension\$3 3-d 3d) same (2-dimension\$3 2-d 2d) and (distance near5 matrix) and (@ad<"20030701" @pd<"20030701" @pd<"20030701")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|----|---|--|----|----|---------------------|
| S105 | 2  | (convert\$3 conversion project\$3) near10 (3-dimension\$3 3-d 3d) same (2-dimension\$3 2-d 2d) same (distance near5 matrix) and (@ad<"20030701" @rlad<"20030701" @pd<"20030701"                   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S106 | 10 | (convert\$3 conversion project\$3) near10 (3-dimension\$3 3-d 3d) same (2-dimension\$3 2-d 2d) and (distance near5 matrix) same coordinat\$3 and (@ad<"20030701" @rlad<"20030701" @pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S107 | 50 | (convert\$3 conversion project\$3) same (3-dimension\$3 3-d 3d) adj (2-dimension\$3 2-d 2d) same coordinat\$3 and (@ad<"20030701" @rlad<"20030701" @pd<"20030701")                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S108 | 62 | (map\$4 project\$3) same (3-<br>dimension\$3 3-d 3d) adj (2-<br>dimension\$3 2-d 2d) same<br>coordinat\$3 and<br>(@ad<"20030701"<br>@pd<"20030701"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S109 | 53 | (map\$4 project\$3) same (3-<br>dimension\$3 3-d 3d) adj (2-<br>dimension\$3 2-d 2d) same<br>coordinat\$3 and distance<br>and (@ad<"20030701"<br>@pd<"20030701")                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S110 | 329 | (self adj organiz\$5) and<br>(distance matrix) and<br>(dimension\$5 near5 reduc<br>\$4) and (@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|-----|--|--|----|----|---------------------|
| S111 | 184 | (self adj organiz\$5) and (distance matrix) and (distance matrix) and (dimension\$5 near5 reduc \$4) and coordinat\$3 and (@ad<"20030701" @pd<"20030701" @pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S112 | 38  | (cube olap) and (self adj<br>organiz\$5) and (distance<br>matrix) and (dimension\$5<br>near5 reduc\$4) and<br>(@ad<"20030701"<br>@pd<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S113 | 50  | ((data adj cube) olap) same<br>((Ithree "3") nearls<br>dimension\$5) same ((two<br>"2") near5 dimension\$5)<br>same (project\$3 map\$4<br>convert\$3 conversion reduc<br>\$4) and (@ad< "20030701"<br>@rlad<"20030701" | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S114 | 3   | gend near5 algorithm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S115 | 5   | genetic near5 doping near5<br>algorithm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S116 | 5   | (dimension\$5 near5 reduc<br>\$4) same geographic\$2<br>near5 (location site<br>database (data adj base))<br>and coordinate and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S117 | 42  | (project\$3 map\$4 convert<br>\$3 conversion) same (three<br>adj dimension\$5) same<br>(two adj dimension\$5)<br>same geographic\$2 near5<br>(location site database<br>(data adj base)) and<br>coordinate and<br>(@ad<"20030701"<br>@had<"20030701"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
|------|-----|--|---|----|----|---------------------|
| S118 | 10  | (project\$3 convert\$3 convert\$3 convert\$3) same (three adj dimension\$5) same (two adj dimension\$5) same geographic\$2 near5 (location site database (data adj base)) and coordinate and (@ad-"20030701" @riad-"20030701" @pd-<"20030701")         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
| S119 | 99  | (project\$3 convert\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and geographic\$2 near5 (location site database (data adj base)) and coordinate and (@ad<"20030701" @ilad<"20030701" @gd<20030701" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |
| S120 | 10  | (project\$3 convert\$3 converts0 translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and geographic\$2 near5 (location site database (data adj base)) same coordinate and (@ad-"20030701" @rlad-"20030701" @pd<"20030701"           | US-PGPUB;<br>USPAT;<br>USPOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S121 | 120 | [project\$3 convert\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and (molecule atlor) particle) same coordinate and (@ad-"20030701" @rlad-"20030701" @pd<"20030701"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB  | OR | ON | 2010/04/28<br>10:24 |

| S122 | 8  | (project\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) same (molecule atom) same coordinate and (@ad<"20030701" @pd<"20030701" @pd<"20030701"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|----|---|--|----|----|---------------------|
| S123 | 82 | (project\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) and (molecule atom) same coordinate and (@ad<"20030701" @qd<"20030701" @pd<"20030701")                 | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S124 | 16 | (project\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) same coordinate and (molecule atom) same coordinate and (@ad<"20030701" @pd<"20030701" @pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S125 | 66 | S123 not S124   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S126 | 64 | (project\$3 convert\$3 conversion translat\$3) with (three adj dimension\$5) with (two adj dimension\$5) same (molecule atom) and coordinate and (@ad<"20030701" @pd<"20030701" @pd<"20030701")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S127 | 56 | S126 not S124   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S128 | 5  | (project\$3 convert\$3 conversion translat\$3) near5 molecule same (three adj dimension\$5) same (two adj dimension\$5) and distance same coordinate and (@ad<"20030701" @plac"20030701") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|----|---|--|----|----|---------------------|
| S129 | 8  | (project\$3 convert\$3 conversion translat\$3) near5 molecule same dimension\$5 and neural near5 network and coordinate and (@ad<"20030701" @pdc"20030701" @pdc"20030701")                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S130 | 18 | alzheimer and pathological<br>near5 status and probability<br>near5 disease and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S131 | 18 | dimension\$5 same (map\$4 project\$3 convert\$3 conversion) and alzheimer and pathological and probability near5 disease and (@ad<"20030701" @rlad<"20030701" @pd<"20030701")             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S132 | 10 | dimension\$5 with (map\$4 project\$3 convert\$3 conversion) and alzheimer and pathological and probability near5 disease and (@ad<"20030701" @rdad<"220030701" @pd<"20030701")            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S133 | 8  | S131 not S132   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>JBM_TDB | OR | ON | 2010/04/28 10:24    |

| S134 | 12  | dimension\$5 same (map\$4 project\$3 convert\$3 conversion) and probability same alzheimer and pathological and (@ad< "20030701" @idad< "20030701" @pd<"20030701")                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|-----|--|--|----|----|---------------------|
| S135 | 634 | dimension\$5 with (map\$4 project\$3 convert\$3 convert\$3 conversion) and alzheimer and (@ad<"20030701" @rlad<"20030701" @pd<"20030701")  | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S136 | 296 | dimension\$5 with (map\$4 project\$3 convert\$3 conversion) same (three adj dimension\$5) and alzheimer and (@ad<"20030701" @pd<"20030701" @pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S137 | 71  | dimension\$5 with (map\$4 project\$3 convert\$3 convert\$3 convertson) same (three adj dimension\$5) same two adj dimension\$5 and alzheimer and (@ad-"20030701" @rlad<"20030701" @pd<"20030701"       | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S138 | 44  | dimension\$5 with (map\$4 project\$3 convert\$3 convert\$0) same (three adj dimension\$5) same two adj dimension\$5 and alzheimer and pathological and (@ad<"20030701" @rlad<"20030701" @pd<"20030701" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S139 | 6   | dimension\$5 with (project<br>\$3) same (three adj<br>dimension\$5) same two adj<br>dimension\$5 and alzheimer<br>and (@ad<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S140 | 778 | (project\$3 transform\$3<br>translat\$3) near5 less\$2<br>near5 dimension\$2 and<br>(@ad<"20030701"<br>@pd<"20030701"<br>@pd<"20030701")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|-----|---|--|----|----|---------------------|
| S141 | 1   | (project\$3 transform\$3<br>translat\$3 reduc\$3) near5<br>less\$2 near5 dimension\$2<br>same "n-1" and<br>(@ad<"20030701"<br>@pd<"20030701"<br>@pd<"20030701")                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S142 | 227 | (project\$3 transform\$3<br>translat\$3 reduc\$3) near5<br>dimension\$2 same "n-1"<br>and (@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S143 | 9   | S142 and "707".clas.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S144 | 1   | (project\$3 transform\$3<br>translat\$3 reduc\$3) near5<br>dimension\$2 near5 "n-1"<br>same (display\$3 output\$4)<br>near5 "n-1" and<br>(@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701") | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S145 | 37  | (display\$3 output\$4) near5<br>"n-1" near5 dimension\$4<br>and (@ad<"20030701"<br>@rlad<"20030701"<br>@pd<"20030701")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S146 | 218 | S142 not S143   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S147 | 49  | (project\$3 transform\$3<br>translat\$3 reduc\$3) near5<br>dimension\$2 same 'n-1"<br>and (database (data adj<br>base)) and<br>(@ad< "20030701"<br>@rlad< "20030701"<br>@pd<"20030701" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|-----|--|--|----|----|---------------------|
| S148 | 2   | marriage same mutation<br>same internal near5<br>variable  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S149 | 5   | genetic near5 doping near5<br>algorithm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S150 | 3   | S142 and evolution\$3 same algorithm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S151 | 134 | (data record) near5<br>projection and evolution\$3<br>same algorithm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S152 | 80  | (data record) near5<br>projection and evolution\$3<br>same algorithm and<br>(@ad<"20030701"<br>@pd<"20030701"<br>@pd<"20030701")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S153 | 12  | S152 and "n-1"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28 10:24    |
| S154 | 20  | (n-1) near5 dimension and<br>evolution\$3 same algorithm   | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S155 | 760   | self near2 organiz\$5 near2<br>map\$4 same algorithm | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|-------|--|--|----|----|---------------------|
| S156 | 106   | S155 and "706".clas.                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S157 | 1     | "5,581,259".pn.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S158 | 17459 | 707/104.1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S159 | 1     | S103 and S158  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S160 | 3     | S151 and S158  | US-PGPUB;<br>USPAT;<br>USOOR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S161 | O     | S121 and S158  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S162 | 4     | S142 and S158  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S163 | 9   | S89 and S158   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|-----|----------------|--|----|----|---------------------|
| S164 | 1   | 994 and S158   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S165 | 909 | 707/798 706/13 | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S166 | 0   | S103 and S165  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S167 | 0   | S121 and S165  | US-PCPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S168 | 2   | S151 and S165  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S169 | 0   | S142 and S165  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S170 | 0   | 994 and S165   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |

| S171 | 0  | S90 and S165  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
|------|----|---------------|--|----|----|---------------------|
| S172 | 0  | S100 and S165 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S173 | 0  | S135 and S165 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S174 | 4  | S155 and S165 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:24 |
| S175 | 53 | 707/802       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS; EPO;<br>JPO;<br>IBM_TDB | OR | ON | 2010/04/28<br>10:29 |

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